

PI 542405 to 542406-continued

PI 542406 **origin:** United States. **origin institute:** Arkansas Agr. Exp. Sta., University of Arkansas, Fayetteville, Arkansas 72701. **cultivar:** R LINE AR2002. **pedigree:** Stoneville Syn. sudangrass selection. **other id:** PL-4. **group:** CSR-SUDANGRASS. **remarks:** Height averages 160cm. Flowers approximately 77 days after emergence. Panicle does not clear sheath entirely with 3.8cm remaining in sheath, open type. Glumes black. Mesocarp starchy. Grain has brownish white pericarp. Seed small, round, and thresh free of glumes. Coarse type sudangrass. Spring Annual. Breeding Material. Seed.

PI 542407 to 542415. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: York, J.O., Arkansas Agr. Exp. Sta., University of Arkansas, Fayetteville, Arkansas, United States. **remarks:** Nine Sorghum Parental Lines. Received June 29, 1990.

PI 542407 **origin:** United States. **origin institute:** Arkansas Agr. Exp. Sta., University of Arkansas, Fayetteville, Arkansas 72701. **cultivar:** R LINE AR1000. **pedigree:** NB9040/IS11158. **other id:** PL-223. **group:** CSR-SORGHUM. **remarks:** Height averages 170cm. Flowers approximately 78 days after emergence. Panicle exertion well above flag leaf (20cm), semi-open type. Glumes straw colored. Mesocarp pearly. Grain has yellow endosperm. Spring Annual. Breeding Material. Seed.

PI 542408 **origin:** United States. **origin institute:** Arkansas Agr. Exp. Sta., University of Arkansas, Fayetteville, Arkansas 72701. **cultivar:** R LINE AR2200. **pedigree:** Atlas/E-26. **other id:** PL-224. **group:** CSR-SORGHUM. **remarks:** Height averages 170cm. Flowers approximately 92 days after emergence. Panicle exertion slightly above flag leaf (5cm), open type. Glumes black. Mesocarp starchy. Grain has white pericarp. Spring Annual. Breeding Material. Seed.

PI 542409 **origin:** United States. **origin institute:** Arkansas Agr. Exp. Sta., University of Arkansas, Fayetteville, Arkansas 72701. **cultivar:** R LINE AR2400. **pedigree:** Wiley/F-26. **other id:** PL-225. **group:** CSR-SORGHUM. **remarks:** Height averages 178cm. Flowers approximately 85 days after emergence. Panicle exertion above flag leaf (10cm), open type. Glumes black. Mesocarp starchy. Grain brownish white pericarp, brown testa. Spring Annual. Breeding Material. Seed.